



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Man Mohan Rai, Nateri Madavan

U.S. Serial No: 10/637,087

Group Art Unit: 2129

Filed On: 31 July 2003

Examiner: Joseph P. Hirl

Title: "METHOD FOR CONSTRUCTING COMPOSITE RESPONSE SURFACES COMBINING NEURAL NETWORKS WITH POLYNOMIAL INTERPOLATION OR ESTIMATION TECHNIQUES"

Assistant Commissioner for Patents

P.O. Box 1450

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AMENDMENT AND RESPONSE

Dear Sir:

In response to receipt of an Office Action, mailed 22 March 2006, for the patent application identified above, please enter the following amendments.

Pages 2-4 set forth the claims, as amended

Page 5 sets forth a Reply To Examiner's Remarks.

In the claims:

All pending claims are set forth here. Amend claims 1-9 to read as follows.